

OXC-6448-64

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12 February 64

**MEMORANDUM FOR THE RECORD**

**SUBJECT: INS Engineering Review Team**

1. A team of senior engineers from M-H, St. Pete has just completed a one month review of the overall M-H effort at the [ ] specifically for the purpose of initiating or recommending action which will hopefully improve the INS performance. The more significant conclusions are:

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a. Four to five senior engineers will be permanently assigned to the INS crew at the [ ] to act as leadmen in performing pre-flight check-out, laboratory check-out, trouble shooting, etc.

b. Extensive effort is going into investigating ways to improve the INS coupler. The problems have now been defined and solutions short of a new coupler design are being looked at.

c. All laboratory procedures and tests are being reviewed and updated to make them easier to follow and more foolproof.

d. Informal training sessions are being conducted.

e. The adequacy of the platform cooling is suspect and is being investigated primarily with instrumentation in future flights.

f. It appears that some of the aircraft are delivering unbalanced regulated power. At this time, it is not known if the INS is being effected by this unbalanced power but an investigation is underway.

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2. It was unanimously agreed that the single most important item necessary for markedly improving the INS performance was the improvement to the coupler. Following that, the new INS rack being manufactured by Lockheed was next most important. The first rack should be ready for installation about mid-March.

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[REDACTED]  
Aircraft Systems Division  
(Special Activities)

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ASD/OSA [REDACTED] (12 Feb 64)

Distribution:

25X1A

- #1 - ASD/OSA [REDACTED]
- #2 - AD/OSA
- #3 - D/TECH/OSA
- #4 - OD/OSA
- #5 - SE/OSA
- #6 - PS/OSA
- #7 - ASD/OSA [REDACTED]
- #8 - ASD/OSA (enroute)
- #9 - SE/OSA

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